DAILY ONLINE ACTIVITIES SUMMARY

Date:	**21/05/2020**	**Name:**	**Shetty Sonali Sanjeeva**
Sem & Sec	**8th B**	**USN:**	**4AL16CS123**

Online Test Summary

Subject	**SMS**		
Max. Marks	**60**	**Score**	**41**

Certification Course Summary

Course	Software defined storage concepts		
Certificate Provider	**VMWARE IT Academy**	**Duration**	**9 HOURS**

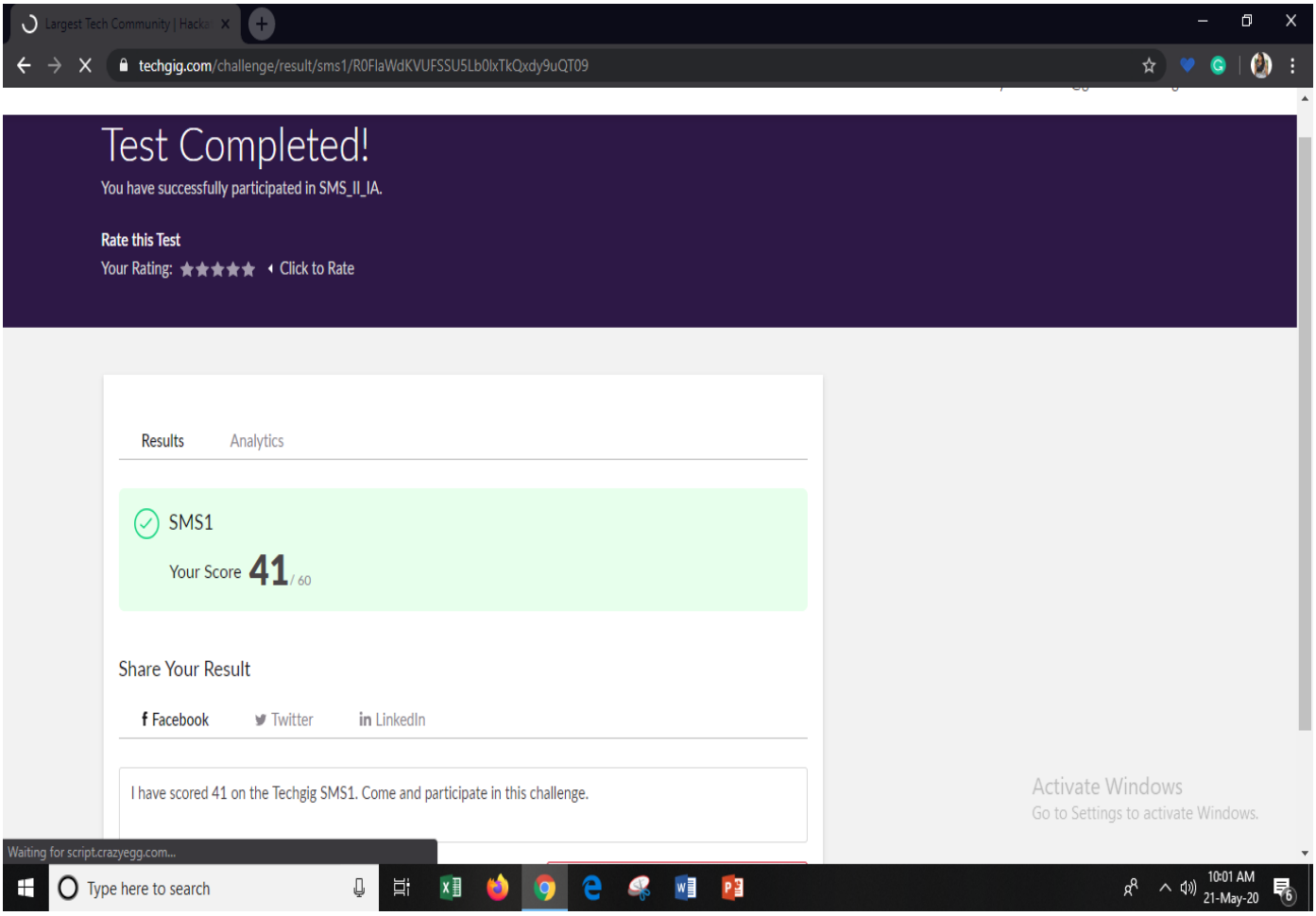
Coding Challenges

Problem Statement: C Program to Reverse a Linked List in groups of given size.

Status: Solved

Uploaded the report in Github	**yes**
If yes Repository name	**SONALISHETTY**
Uploaded the report in slack	**yes**

Online Test Details:



Certification Course Details:

Businesses use virtualization to build large clouds to serve millions of people. Virtualization can be a powerful tool for any one from public clouds to personal computers. You can use virtualization to run multiple operating systems on a single computer or backup your computer as a virtual machine. VMware IT Academy helps learners study cloud and virtualization.

THIS IS THE BADGE I RECEIVED ON COMPLETION OF THE COURSE

You've earned a badge from VMware

IT Academy: Software Defined Storage Concepts

Issuer: VMware

Coding Challenges Details:

Write a C Program to Reverse a Linked List in groups of given size.

```
#include<stdio.h>
#include<stdlib.h>
struct Node
{
int data;
struct Node* next;
};
pointer to the new head node. /
struct Node reverse (struct Node head, int k)
{
struct Node current = head;
struct Node next = NULL;
struct Node prev = NULL;
int count = 0;
while (current != NULL && count < k)
{
next = current->next;
current->next = prev;
prev = current;
current = next;
count++;
}

if (next != NULL)
head->next = reverse(next, k);

return prev;
}
void push(struct Node** head_ref, int new_data)
{
struct Node* new_node =
(struct Node*) malloc(sizeof(struct Node));
```